

AMENDMENTS TO THE CLAIMS

Claim 1 (cancelled):

Claim 2 (Currently Amended): The control unit according to claim [[1]] 11, wherein:

 said ~~control~~ central processing unit outputs a diagnosed result of the self-diagnosis mode as the vehicle information data to the function checker through said fifth communication line.

Claim 3 (Canceled)

Claim 4 (Original): The control unit according to claim 2, wherein:

 the function checker displays a diagnosed result of the self-diagnosis mode based on the received vehicle information data.

Claim 5 (Currently Amended): The control unit according to claim [[1]] 11, wherein:

 said ~~control~~ central processing unit outputs a diagnosed result of the self-diagnosis mode as an actuating control signal for controlling at least either one of a room lamp or an indicator lamp.

Claim 6 (Currently Amended): The control unit according to claim 2, wherein:

 said ~~control~~ central processing unit outputs a diagnosed result of the self-diagnosis mode as an actuating control signal for controlling at least either one of a room lamp or an indicator lamp.

Claim 7 (Currently Amended): A control system of a vehicle configured to self-diagnose for self-diagnosing a verification of a reception of signals from a plurality of switches, comprising:

 a plurality of switches;

 a control unit provided with a self-diagnosis function configured to verify for verifying the reception of the signals from said switches;

 a function checker connected with said control unit;

a first communication line connecting said control unit with a first switch to transmit a first signal issued from the first switch to said control unit;

a second communication line connecting said control unit with a second switch to transmit a second signal issued from the second switch to said control unit;

a third communication line for said function checker ~~to catch~~ intercepting the first signal from said first communication line; and

a fourth communication line configured to transmit for transmitting a pseudo signal of the second signal from said function checker to said control unit through said second communication line when said function checker receives the first signal,

wherein said control unit is configured to activate activates the self-diagnosis function to establish a self-diagnosis mode when receiving the pseudo signal of the second signal, so that the reception of signals from the plurality of switches can be verified.

Claim 8 (Original): The control system according to claim 7, wherein:

said control unit outputs a diagnosed result of the self-diagnosis mode as an actuating control signal for controlling at least either one of a room lamp or an indicator lamp.

Claim 9 (Previously Presented): The control system according to claim 7, wherein said first switch is the ignition switch.

Claim 10 (Previously Presented): The control system according to claim 7, wherein:

said second switch is a door switch which needs no verification of a reception of a signal thereof.

Claim 11 (new): A control system of a vehicle configured to self-diagnose verification of reception of signals from a plurality of switches, comprising:

a central processing unit provided with a self-diagnoses function;

a function checker;

a connector configured to connect to said function checker;

a first communication line connecting said central processing unit with a first switch;
a second communication line connecting said central processing unit with a second switch;
a third communication line connecting said connector with said first communication line;
a fourth communication line connecting said connector with said second communication line; and

a fifth communication line connecting said connector with said central processing unit,
said function checker being configured such that, when a predetermined signal from said first switch is transmitted to said function checker through said first and third communication lines, said function checker transmits a predetermined control signal to said central processing unit through said fourth and second communication lines; and said central processing unit being configured to activate said self-diagnosis function based on said predetermined control signal to establish a self-diagnosis mode.